

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	687	29/603.07-603.09,603.11,603.13,603.14.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/18 11:09
S2	723	360/324.1,324.11,324.12,324.2.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:11
S3	9164	427/127-131.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:12
S4	96	(free adj layer) with (bias\$3 adj (tab\$1 or layer)) with ((magnetic adj field) or magnetiz\$5)	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:34
S5	8	S1 and S4	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:17
S6	5	S5 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:21
S7	6	("5764056"   "5772794"   "5843589"   "5867351"   "6105237"   "6123780").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:24
S8	3	("5214840"   "5465185"   "5772794").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:27
S9	141	("5465185").URPN.	USPAT	OR	ON	2005/03/16 10:28
S10	11	S4 and S9	USPAT	OR	ON	2005/03/16 10:28
S11	8	S10 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:34
S12	48	S2 and S4	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:30
S13	67	(bias\$3 adj (tab\$1 or layer)) with perpendicular with (magnetic adj field)	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:34
S14	5	S12 and S13	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:34
S15	1	S14 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:36
S16	8	("20020006021"   "5465185"   "5508867"   "5705973"   "5828529"   "5892641"   "5974657"   "6351355").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:35

S17	1	S13 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:35
S18	7	S4 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:36
S19	3	S18 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:36
S20	57	magnetiz\$5 with (ferromagnetic) with bias\$3 with perpendicular with (magnetic adj field)	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:42
S21	10	S20 and (heat\$3 same cool\$3)	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:41
S22	4	S20 and (heat\$3 same cool\$3 same (block\$3 adj temperature))	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:20
S23	4	magnetiz\$5 with (ferromagnetic) with bias\$3 with perpendicular with (magnetic adj field)	JPO	OR	ON	2005/03/16 10:44
S24	0	S3 and S4	JPO	OR	ON	2005/03/16 10:44
S25	0	S3 and S20	JPO	OR	ON	2005/03/16 10:44
S26	5	beach-robert-s.in.	JPO	OR	ON	2005/03/16 10:45
S27	5	beach-robert.in.	JPO	OR	ON	2005/03/16 10:45
S28	10	(US-6322640-\$ or US-6123780-\$ or US-5772794-\$ or US-5974657-\$ or US-5465185-\$ or US-6266218-\$ or US-6515838-\$ or US-5561368-\$ or US-6661623-\$).did. or (JP-56142409-\$).did.	USPAT; JPO	OR	ON	2005/03/16 10:46
S29	3	S20 and S28	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:46
S30	3	S13 and S28	USPAT; JPO; DERWENT	OR	ON	2005/03/16 10:48
S31	2	("6721146").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/03/16 10:48

S32	20	("4663685"   "5461527"   "5465185"   "5492720"   "5583725"   "5701223"   "5739987"   "5742459"   "5768067"   "5910344"   "5949623"   "5959810"   "5974657"   "5995338"   "6038107"   "6040961"   "6129957"   "6462919"   "6469878"   "6473279").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:48
S33	1	S20 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/16 10:49
S34	45	(antiferromagnetic or AFM) same (heat\$3 same cool\$3 same (block\$3 adj temperature))	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:28
S35	31	(antiferromagnetic or AFM) with (heat\$3 same cool\$3 same (block\$3 adj temperature))	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:28
S36	0	S35 and snecor	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:21
S37	27	S35 and sensor	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:21
S38	6	S35 and (GMR adj sensor)	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:21
S39	3	S38 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:29
S40	2	("5650887").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/03/18 10:24
S41	1	S34 and S40	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:24
S42	199	(first same second) adj (antiferromagnetic or AFM)	USPAT; JPO; DERWENT	OR	ON	2005/03/18 11:21
S43	1	((first same second) adj (antiferromagnetic or AFM)) with (heat\$3 same cool\$3 same (block\$3 adj temperature))	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:29
S44	8	S34 and S42	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:29

S45	4	S44 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/18 11:21
S46	12	(US-5465185-\$ or US-5561368-\$ or US-5772794-\$ or US-5974657-\$ or US-6123780-\$ or US-6266218-\$ or US-6322640-\$ or US-6515838-\$ or US-6661623-\$ or US-6381105-\$ or US-6175475-\$).did. or (JP-56142409-\$).did.	USPAT; JPO	OR	ON	2005/03/18 10:37
S47	1	S35 and S46	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:37
S48	3	S42 and S46	USPAT; JPO; DERWENT	OR	ON	2005/03/18 10:38
S49	1	S45 and width	USPAT; JPO; DERWENT	OR	ON	2005/03/18 11:20
S50	8	((first same second) adj (antiferromagnetic or AFM)) same width same (free adj layer)	USPAT; JPO; DERWENT	OR	ON	2005/03/18 11:21
S51	2	S50 and @ad<"20010314"	USPAT; JPO; DERWENT	OR	ON	2005/03/18 11:21
S52	2	(bias\$3 adj tab) same (nonmagnetic with ferromagnetic with antiferromagnetic)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 12:38
S53	107	(bias\$3) same (nonmagnetic with ferromagnetic with antiferromagnetic)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 12:37
S54	74	(bias\$3) with (nonmagnetic with ferromagnetic with antiferromagnetic)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 12:37
S55	0	(bias\$3) near (nonmagnetic with ferromagnetic with antiferromagnetic)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 12:38
S56	2	(bias\$3 adj tab) same (nonmagnetic with ferromagnetic with antiferromagnetic)	US-PGPUB	OR	ON	2005/09/06 13:58
S57	3	(tab) same (nonmagnetic with ferromagnetic with antiferromagnetic)	US-PGPUB	OR	ON	2005/09/06 13:59
S58	4	(tab) same (nonmagnetic with ferromagnetic with antiferromagnetic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/06 13:59
S59	0	(sensor) same (nonmagnetic near ferromagnetic near antiferromagnetic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/06 14:00

S60	11	(spin adj valve) same (nonmagnetic near ferromagnetic near antiferromagnetic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/06 14:00
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